(d) what is the percentage of increase in each farmulation?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI CHINTA MOHAN): (a) to (d) The requisite information to the extent available in respect of ceiling packs of formulations whose prices have been increased during October and November. 1991 is given in the annexed Annexure. *[See* Appendix CLXI, Annexure No. 72]

Hot Fusion from Nuclear Sources

3041. SHRI SANTOSH BAGRODIA: Will the PRIME MINISTER be pleased to; and

(a.) whether Government propose to develop hot fusion from nuclear sources, if so. the details in this regard;

(b) by when the power generated through the process would be made available to the consumers; and

(c) whether such power will be less expensive than other kinds of power?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) Presently, the following laboratories in India are pursuing research in the area of nu-clear fusion;

1. Bhabha Atomic Research Centre, Trombay, Bombay.
2. Centre for Advance Technology, Indore.
3. Institute for Plasma Research, Ghandinagar.
4. Saha Institute of Nuclear Physics, Calcutta.

Theoretical and experimental studies are being conducted in these laboratories towards understanding the Physics and Technological issues connected with Nuclear Fusion Energy.

(b) It is too early to say when Nuclear Power through Fusion Sources will be available commercially. However rough estimate is that it will take at least a few decades before it becomes commercially a viable proposition.

(c) The comparative cost cannot be etstimated at this juncture since the fusion power technology is in its early stages of development.

Joining of London Club .

3042. DR. G. VIJAYA MOHAN REDDY: Will the PRIME MINISTER be pleased to state:

(a) whether Government's attention has been invited to the news item captioned "India urge to j°in London dub" which appeared in "The Hindu" New Delhi: Edition dated the 1st December, 1991;

(b) if So, Government's reaction there to; and

(c) its likely repercussion on the propos ed Scale of atomic reactor to Iran?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) Yes, Sir.

(b) Even though we are not a member of the London Club, we have refrained from supplying nuclear technology for non-peaceful purposes to any country.

(c) Any sale of nuclear technology from our side such as research reactor would be subject to IAEA safeguards; such a safe does not have bearing on London Club.

Energy from Controlled Nuclear Fusion Reaction

3043. SHRI SANTOSH BAGRODIA: Will the PRIME MINISTER be pleased to state;

(a) whether Government are aware of breakthrough achieved in production of energy from controlled nuclear fusion reaction at the Joint European Torus (JET) Experimental Fusion Reactor in London: and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA); (a) Yes, Sir.